COBY®

USER'S MANUAL

DIGITAL AUDIO/VIDEO PLAYER

Please read manual before operation

CONTENTS

FEATURES

- 512 MB Built-in Flash Memory
- 65,000 Color LCD Display
- Video Playback
- Mobile Music, Data, Document, and Picture Storage
- Multi-language Support (e.g., English, Spanish, Chinese, Japanese, etc.)
- Text and Photo Viewer
- Voice Recording
- Built-in FM Tuner
- Plug and Play: Supports Windows 98 SE (with included Installation CD), Windows ME, 2000, XP, and MAC OS X
- Digital Preset Equalizer: Normal, Bass, Jazz, Disco, Rock, and Pop
- Mini-USB Port for Fast File Transfers
- Dual Headphone Jacks
- Built-in Stereo Speakers
- Built-in Rechargeable Lithium-Ion Battery
- Upgradeable Firmware

PACKAGE CONTENTS
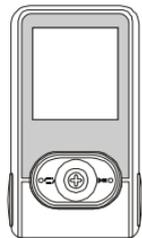
Mp3 player

User's Manual
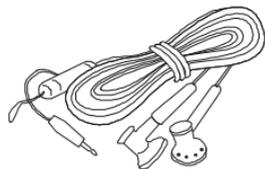
Earphones w/neck strap
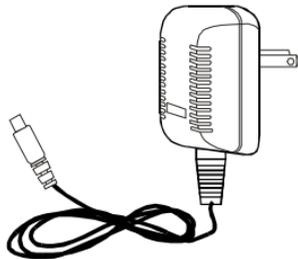
A/C Adapter
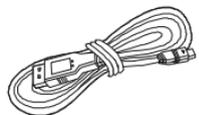
USB Cable

Installation CD

SAFETY INSTRUCITONS

1.Read these instructions carefully.
2.Keep these instructions for future reference.
3.Heed all warnings.
4.Follow all instructions.
5.Do not expose device to water or moisture.
6.Clean only with a dry cloth.
7.Do not place device near any heat sources such as stoves, radiators, amplifiers or any apparatus that produces heat.
8.Do not force the power plug into the wall outlet. A polarized plug has two blades with one wider than the other; the wider blade is provided for your safety. If the plug provided does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9.Position the power cord so that it is protected from being walked on, pinched by objects, or torn and exposed to liquids (especially at plugs, convenience receptacles, and at the point which they exit from the product).
10.Only use attachments/accessories specified by the manufacturer. Use of attachments/accessories not recommended by the product manufacturer may be hazardous.
11.Unplug the device during lightning storms or when unused for long periods of time.
12.Do not use this device near water.
13.Refer all servicing to authorized service personnel.

Protect your ears:
Hearing experts advise against the constant use of personal stereo equipment played at high volumes. Constant high-volume use can lead to hearing loss. If you experience ringing in your ears or hearing loss, discontinue use and seek medical advice.

For recycling or disposal information about this product, please contact your local authorities or the Electronics Industries Alliance: www.eiae.org

Your player operates on a built-in rechargeable lithium-ion battery. *When charging your player, make sure that the POWER ON/OFF switch is set to the ON position and that the automatic Power off option in the Setup menu is set to "0".* See the Setup section for instructions on how to set the automatic Power off option.

There are two ways to charge your player:
• *Charge through your computer's USB port.*
  Your player will be charged while it is connected to a powered-on computer regardless of whether your player itself is powered on or off. For instructions on how to connect your player to a computer, see the section Connecting/Disconnecting Your Player in this manual.
• *Charge through the provided A/C adapter.*
  When the A/C adapter is plugged into an electrical outlet, the red charge lamp will light up to indicate that power has been connected. Connect the adapter to your player's USB port. The green charge lamp will light up to indicate that your player is being charged. When charging is complete, the green charge lamp will dim or turn off.

To an AC Outlet

Insert into the USB port

The charge lamp indicator
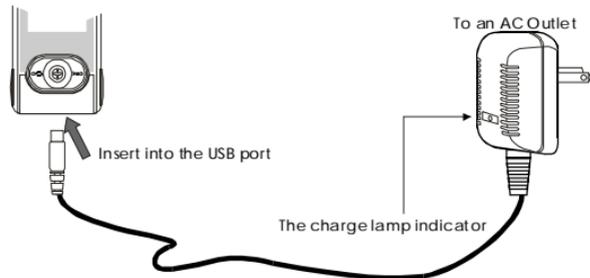
If you are using Windows 98 SE, you must install the USB driver and update utility.
1. Place the Installation CD in your computer's CD-ROM drive.
2. In My Computer, double-click the disc drive (D:) icon (where D: is your CD-ROM drive).
3. Find and double-click "Win98Driver.exe" to start the installation process. A setup dialog window will appear on the screen.
4. Follow the on-screen instructions. When setup is complete, restart your computer.

USB driver installation is not necessary if you are using Windows Me/2K/XP or Mac OS X version 10.2.6 or above. Simply connect your player to the computer; the operating system will then take a moment to set up and a removable disk icon will appear in "My Computer." (For Mac OS X users, a removable disk icon will appear on the "Desktop.")

RECORD button

LCD screen

Joystick Select/ Select Key

ON/OFF switch

DIGITAL AUDIO PLAYER

Joystick UP / Volume Up Key

Joystick RIGHT/ forward key

COBY

REPEAT button

PLAY/STOP button

Stereo Speaker

mp3™

Joystick LEFT/Reverse Key

Joystick DOWN/ volume down key

Microphone

Headphone out 1

Headphone out 2
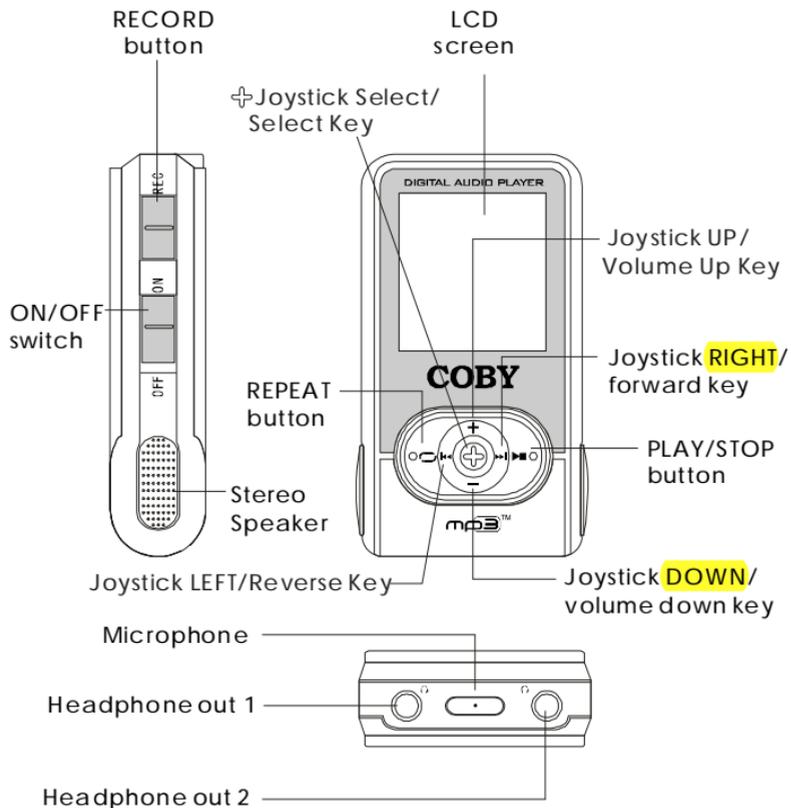
LCD Display (MP3 Music Player)

Current track #

Battery level icon

Time Elapsed

File Format

Track Title/Filename

The night of the world

Progress bar

Bit Rate

128KBPS
0:04:48

NOR

24ml
VOL

POP

Volume level

Equalizer Setting

Recording Mode

Recording Indicator

File name

ROOT

Bit rate/File type

REC08 2006/01/21

Time Stamp

Recording time elapsed

0:00:00

Total : 010
Remaining Time

21:15:26

Recording file number
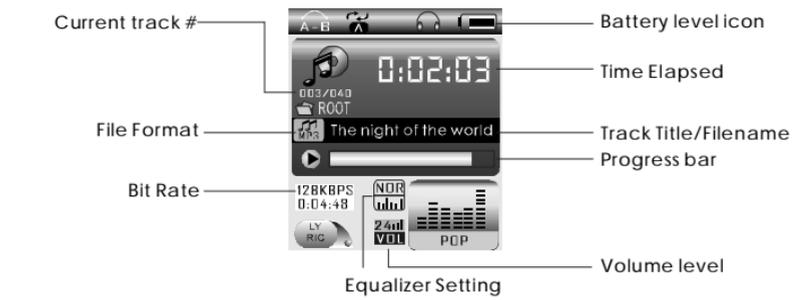
Powering Your Player On or Off
*To Power On:*Set the POWER ON/OFF switch to the ON position, then press and hold the ►■ button until your player turns on.
*To Power Off:*Press and hold the ►■ button until your player turns off. If your player's software freezes, you may set the POWER ON/OFF switch to the OFF position.

Note: Your player has power-saving features that will turn off your player, turn off the screen, or place it in sleep mode automatically after a period of inactivity. *To wake your player from sleep mode, press and hold the JOYSTICK SELECT key.* See the Setup section for instructions on how to set the power-saving features' options.

Connecting/Disconnecting Your Player
To connect your player to a computer:
1.Plug the large end of the USB cable into the computer's USB port.
2.Power on your player.
3.Plug the other end of the USB cable into your player's mini-USB port.
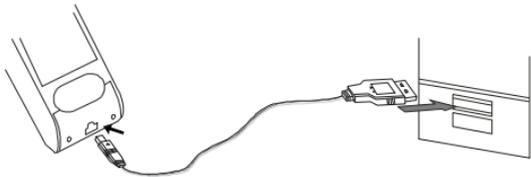
To safely disconnect your player from a computer:
1.Double-click the green arrow in the taskbar located at the bottom-right of the computer's screen. A "Safely Remove Hardware" window will appear.
2.In the list of hardware devices, double-click on "USB Mass Storage Device". A "Stop a Hardware Device" window will appear.
3.Click the OK button. You may now safely disconnect your player from the computer.

Transferring Files
To transfer files between your player and a computer:
1.Connect your player to the computer with the USB cable.
2.Open Windows Explorer on the computer.
3.Select the files you want to transfer and drag-and-drop them to the removable disc icon (ie, your player). You can also transfer files from your player to a computer. *Do not disconnect your player while it is transferring files.* Doing so may corrupt or damage the firmware and/or files on your player. If your player is accidentally disconnected while it is transferring files and does not work properly, power your player off using the ON/OFF switch and then power your player on again.

Deleting Files
To delete files from within your player, enter MP3, AMV, VOICE, or PHOTO mode (these modes may be accessed from the Main menu).
While your player is paused, press the JOYSTICK SELECT key to access the submenu.
1.Highlight then select "Delete".
2.Highlight then select the file you want to delete.
3.Highlight then select "Delete". You may also choose to delete all files listed by selecting "Delete all".

Note: The files available to be deleted are dependent on the mode that your player is in. Music files may be deleted in MP3 mode, movie files in AMV mode, etc.

You may also choose to delete files from your player through your computer while the two are connected. *If you delete files in this manner, make sure you disconnect your player using the process described in the Connecting/Disconnecting Your Player section.*

Main Menu/Navigation
When your player is powered on, it will enter the Main menu directly.
To return to the Main menu at any time, press and hold the JOYSTICK SELECT key.
The Main menu consists of eight items: MP3, AMV, RECORD, VOICE, PHOTO, SETUP, and E-BOOK. For a detailed description of each item, see the *Player Modes* section in this manual.

Mp3
AMV
RECORD
VOICE
FM Radio
PHOTO
SETUP
E-BOOK
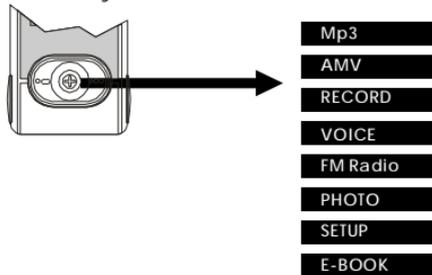
- To change which item is highlighted, press ◄◄ or ►►.
- To select an item, press the JOYSTICK SELECT key.

Changing Directories
To change directories within your player, enter MP3, AMV, VOICE, or PHOTO mode (these modes may be accessed from the Main menu).
1. While your player is paused, press the JOYSTICK SELECT key to access the submenu.
2. Highlight then select "Local folder".
3. Highlight then select the folder you would like to change to.

Volume Adjustment
The volume level may be adjusted while your player is in MUSIC, AMV, or VOICE mode. To increase the volume, press the + key. To decrease the volume, press the — key.

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The following player modes may be selected from the Main menu: Mp3, AMV, RECORD, VOICE, PHOTO, SETUP, E-BOOK

To access the Main menu at any time, press and hold the JOYSTICK SELECT key.

MP3 Music Player
To enter the MP3 mode: From the Main menu, highlight and select the item MP3. (To access the Main menu at any time, press and hold the JOYSTICK SELECT key.)

The MP3 music player will find and play MP3, WMA, AMV, and MTV files loaded on your player.

- To play a track, press the ►■ button.
- To pause/stop a track, press the ►■ button while a track is playing.
- To select the previous track, press ◄◄.
- To select the next track, press ►►.

When you are in MP3 mode, the LCD will display the information illustrated below:

Repeat mode
A-B Repeat mode
Current Track #/
Remaining Track #
Current Folder Location
Bit rate/
Total Track Time

Time Elapsed
Track Title/Filename
Progress Bar
Volume Level
Equalizer Setting

12
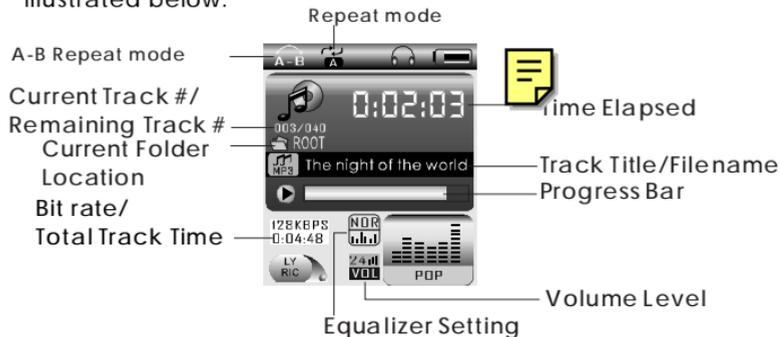
- Repeat mode options may be set by pressing the ⌣ button *during playback*. See *Repeat* in the MP3 Music Player Options section for more information.
- A-B Repeat mode may be set by pressing the RECORD button *during playback*. See Replay in the MP3 Music Player Options section for more information.

    To exit A-B Repeat mode and return to normal playback, press the JOYSTICK SELECT key.

MP3 Music Player Options
To access the MP3 Music Player Options menu, press the JOYSTICK SELECT key *during playback*. To return to MP3 Music Player mode, press the ▶■ button.

Highlight and select one of the following items to set its options:
Repeat, Equalizer, Tempo rate, Replay, Replay times, or Replay gap.

Music
▷ Repeat
○ Equalizer
○ Tempo rate
○ Replay
○ Replay times
○ Replay Gap

Repeat
Press ⏮ or ⏭ to select one of the following repeat functions:
🔊 Normal (plays all tracks in order once)
🔊 Repeat One (repeats current track)
🔊 Folder (plays all tracks in the current folder once)
🔊 Repeat Folder (repeats tracks in current folder)
🔊 Repeat All (repeats all tracks)
🔊 Random (plays tracks in current folder in random order)
🔊 Intro (plays the first 10 seconds of all tracks in the current folder)

Equalizer
The equalizer presets allow you to change the way music sounds on your player. Press ⏮ or ⏭ to select one of the following preset options: Natural, Rock, Pop, Classic, Soft, Jazz, or DBB.

Tempo rate
This setting changes the speed at which your music plays (tempo only affects music and voice files). Press ⏮ for slower playback or ⏭ for faster playback. A Tempo rate setting of "0" will play music at normal speed.

Replay
This setting will put your player in A-B Repeat mode (i.e., repeat a music track segment). After you have selected "Replay" *during music playback*, the A will be blinking on the A-B Repeat mode icon.
1. Set the beginning of the track segment to be repeated by pressing the RECORD button. The B will start to blink on the A-B Repeat mode icon.

$$\underset{A\text{-}B}{\boxed{\;}} \longrightarrow \underset{A\text{-}B}{\boxed{\;}} \longrightarrow \underset{A\text{-}B}{\boxed{\;}}$$

2.Set the end of the track segment to be repeated by pressing the RECORD button again.

The segment you have selected will then play in a loop for the number of times specified in "Replay times" (see *Replay times* below for more information). You can also set how much time elapses between loops in "Replay gap" (see *Replay gap* below for more information).

Note: It is possible to append a voice recording to the end of an A-B Repeat loop. This voice recording will become part of the A-B Repeat loop.

1.While the A-B Repeat loop is playing, press ▶▶ to begin voice recording.

2.To stop voice-recording, press ▶▶ again.

The A-B Repeat loop will now resume with the addition of the new voice recording.

You may exit A-B Repeat mode at any time by pressing the JOYSTICK SELECT key.

Replay times. Sets how many times your player will repeat track segments specified in A-B Repeat mode (1x to 10x).

Replay gap. Sets the duration of time (in seconds) your player will pause between A-B Repeat loops (1 to 10).

AMV Video Player
To enter the AMV mode: From the Main menu, highlight and select the item AMV. (To access the Main menu at any time, press and hold the JOYSTICK SELECT key.)

The AMV video player will find and play any AMV video files loaded on your player. Use the file-conversion software included on the installation disc to convert video files to the AMV format (see Included Software section).

• To play a track, press the ▶■ button.
• To pause/stop a track, press the ▶■ button while a track is playing.
• To select the previous track, press �◄◄.
• To select the next track, press ▶▶.

When you are in AMV mode, the LCD will display the information illustrated below:

Repeat mode
A-B Repeat mode
Current Track #/
Remaining Track #
Current Folder Location
Bit rate/
Total Track Time
Time Elapsed
Track Title/Filename
Progress Bar
Volume Level
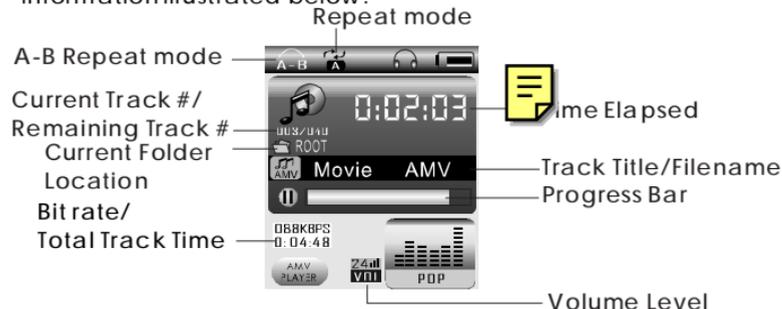
Repeat mode options may be set from the AMV Video Player submenu by pressing the JOYSTICK SELECT key while your player is paused. See Repeat in the MP3 Music Player Options section for more information.

RECORD

To enter the RECORD mode: From the Main menu, highlight and select the item RECORD. (To access the Main menu at any time, press and hold the JOYSTICK SELECT key.)

The voice recorder allows you to record sound from the microphone located on the top of your player.
- To start recording, press the ▶■ button.
- To pause/stop recording, press the ▶■ button while your player is recording.
- To save the recording, press and hold the ▶■ button.
- To save the recording and return to the Main menu, press and hold the JOYSTICK SELECT key.

When you are in RECORD mode, the LCD will display the information illustrated below:

Current Folder Location
Bitrate/Filetype
Filename/Timestamp
# of Recordings in Current Folder — Total : 010
Recording Time Elapsed
Remaining Time
Available Recording Time remaining

To change the recording quality (i.e., bitrate/filetype) options, press the JOYSTICK SELECT key *while the recorder is stopped.*

Record
REC type
▷ Fine REC
∘ Long REC
∘ Fine VOR
∘ Long VOR
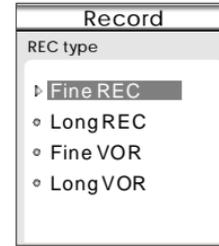
1. Highlight then select "REC type".
2. Highlight, then select one of the following recording options:
Fine REC. High-quality WAV file. This will take up more memory;
Long REC. Lower-quality ACT file. This will take up less memory;
Fine VOR. High-quality WAV file. This will take up more memory;
Long VOR. Lower-quality ACT file. This will take up less memory.

Note: Recording may be started instantly at any time by pressing the RECORD button *except during playback in MP3 mode*.

VOICE Player

To enter the VOICE mode: From the Main menu, highlight and select the item VOICE. (To access the Main menu at any time, press and hold the JOYSTICK SELECT key.)

The VOICE player will find and play any ACT or WAV files loaded on your player. Its functionality is the same as the MP3 Music Player except that there is no A-B Repeat mode.

PHOTO Viewer

To enter the PHOTO mode: From the Main menu, highlight and select the item PHOTO. (To access the Main menu at any time, press and hold the JOYSTICK SELECT key.)

The PHOTO viewer will find and display any JPG, GIF, or BMP files loaded on your player. The viewer can display photos with manual control or automatically as a slideshow (all photos in the current folder are displayed sequentially).

- To display a photo or start the slideshow, highlight a file and press the ►■ button.
- To return to the file list or stop the slideshow, press the ►■ button.
- To display the previous photo manually, press ◄◄ while a photo is being displayed.
- To display the next photo manually, press ►►► while a photo is being displayed

To change between slideshow and manual modes:
1. Press the JOYSTICK SELECT key to access the submenu
2. Highlight then select "play set".
3. For manual mode: Highlight then select "Manual play." Manual mode is now set.
   For slideshow mode: Highlight then select "auto play". Continue to the next step.
4. Press ◄◄ or ►►► to set how long each photo will be displayed for (in seconds), then press the JOYSTICK SELECT key.
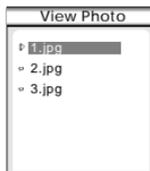
FM Radio

To enter the FM Radio mode: From the Main menu, highlight and select the item FM Radio. (To access the Main menu at any time, press and hold the JOYSTICK SELECT key.)

Press the ◄◄ or ►►► key to select your desired station.
Use the ➕ or ➖ key to adjust the volume.
Press the JOYSTICK SELECT key to access the menu shown below:

FM Mode
▷ Save
○ Delete
○ Delete all
○ Normal Band
○ Japan Band
○ Fine REC

Record the FM voice in WMA format.

Delete all favorite stations.

Delete current station from the favorite stations.

Save current station to the favorite stations.

View Photo
▷ 1.jpg
○ 2.jpg
○ 3.jpg
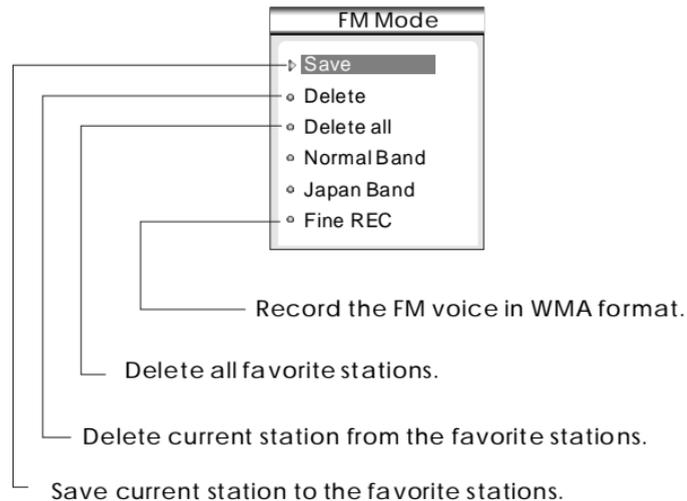
SETUP

To access the SETUP menu: From the Main menu, highlight and select the item SETUP. (To access the Main menu at any time, press and hold the JOYSTICK SELECT key.)
In the SETUP menu, highlight and select one of the following items to set its options: Clock, LCD set, Language, Power off, Replay mode, Online mode, Memory info, Firmware version, or Firmware upgrade.

```
              Sys Setup
  ▷ Clock
  ◦ LCD set
  ◦ Language
  ◦ Power off
  ◦ Replay mode
  ◦ Online Mode
```
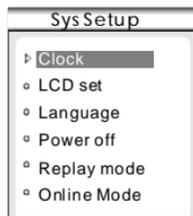
Clock

Clock setup allows you to set your player's internal clock to the proper date and time.
When you are in Clock setup mode, the LCD will display the information illustrated below:

```
                  Sys Setup
                  Clock

  month
  Year        2006   01   23   ─ date
  hour         04 :  50 : 31   ─ second

                                ─ minute
```
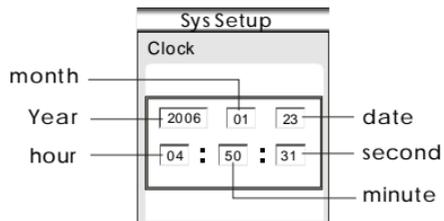
• To change the selected field, press the ✛ key or the ▬ key.
• To change the value of a selected field, press ◄◄ or ►►.
• To return to the SETUP menu, press the ►▮ button.

LCD set

LCD set allows you to set the brightness and black level of the LCD screen.
*To set the brightness:*
• Highlight and select "Brightness".
• Press ◄◄ or ►► to adjust the brightness of the screen (0 is dimmest, 10 is brightest), then press the JOYSTICK SELECT key.

```
     Sys Set                    Sys Set
  LCD Set                     Brightness

  ▷ Brightness
  ◦ Black                           9
  ◦ Exit                     ──────●────
```
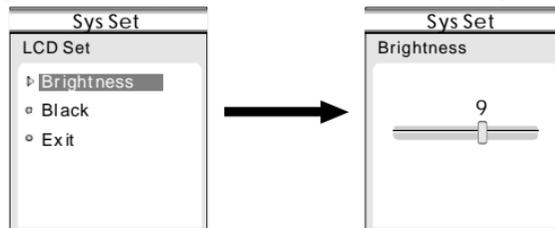
To set the black level:
• Highlight and select "Black".
• Press ◄◄ or ►► to adjust the black level of the screen, (0 is darkest, 10 is lightest), then press the JOYSTICK SELECT key.

```
     Sys Set                    Sys Set
  LCD Set                     Black

  ◦ Brightness
  ▷ Black                           5
  ◦ Exit                     ──●────────
```
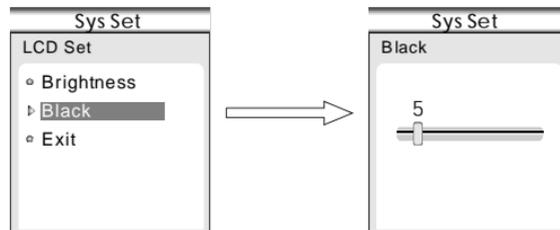
Language

Language setup allows you to set the language of your player. Supported languages are Simple Chinese, English, Traditional Chinese, Korean, Japanese, French, German, Italian, Dutch, Portuguese, Spanish, Czech, Danish, and Russian.

Power off

Power off setup allows you to set the power-saving features of your player. Off Time specifies the amount of time (in seconds) your player can be left idle before it automatically shuts off. Sleep Time specifies the amount of time (in seconds) your player can be left idle before your player enters a power-saving sleep mode. *To wake your player from sleep mode, press and hold the JOYSTICK SELECT key.*

Note: A setting of "0" will disable these power-saving features.

Replay mode

Replay mode setup allows you to choose whether your player inserts a pause between tracks during Manual replay or Auto replay.

Online mode

Online mode setup allows you to choose between Multi-drive, Normal Only, and Encrypted Only modes. A partitioning/ encryption software tool(not included) is necessary to use these features.

Memory info

The memory info screen displays both the total amount of memory available and the percentage of memory used.

Firmware version

The firmware version screen displays the current version of the firmware installed on your player.

Firmware upgrade

See the Firmware Upgrade section for instructions on how to upgrade the firmware of your player.

E-BOOK Reader

To enter the E-Book mode: From the Main menu, highlight and select the item E-BOOK. (To access the Main menu at any time, press and hold the JOYSTICK SELECT key.)

The E-Book reader can read any text files in the TXT format loaded on your player. The E-Book reader's functions are:

- *Dir Select:* Selects a directory for your player to find TXT files
- *File Select:* Selects and loads a file for your player to read. You must load a file here for your player to read
- *Text Read:* Displays the loaded TXT file. Press ◄◄ or ►► in this mode to scroll through the TXT document. Press the ►■ button to return to the E-Book reader menu

FIRMWARE UPGRADE

IMPORTANT:
Make sure your player is either attached to a power source or has been fully charged before upgrading your firmware. Do not disconnect your player from your PC or otherwise interrupt the upgrade process as doing so could damage your player and render it inoperable.

Firmware updates may be found at www.cobyusa.com. Check this site periodically for new updates. Firmware updates may add new functionality to your player.

Follow these instructions to upgrade your firmware.

1. Download the latest firmware upgrade file from the Coby website.
2. Connect your player to your computer using the USB cable.
3. Run the Mp3 Player Upgrade Tool utility from the START menu on your computer(this utility can be found on the installation CD).
4. Click "Select new Firmware Upgrade file" to select the downloaded firmware upgrade file then click "Start Upgrade".
5. Disconnect your player from your computer when the upgrade is complete.

SOFTWARE UTILITIES

The software utilities allow you to convert sound and video files to formats recognized by your player. Install these utilities on your computer from the Installation CD included with your player.

Sound Converter Tool
The Sound Converter Tool allows you to convert sound files from the ACT format recorded by your player to the widely recognized WAV format.

1. Run the Sound Converter Tool utility from the START menu on your computer.
2. Click the OPEN button to select an ACT file that you would like to convert.
3. Click the CONVERT button to run the conversion process.

Movie Convert Tool
The Movie Convert Tool allows you to convert video files to the MTV or AMV format recognized by your player.

SOFTWARE UTILITIES

1. Run the Movie Convert Tool utility from the START menu on your computer.
2. Find and select the video file that you would like to convert in the INPUT field.
3. Find and select the directory location that you would like to save the converted file to.
4. Click the ⇅ button to run the conversion process.

SPECIFICATION

Technical Specifications

External size	76 × 42 × 18mm
Weight	28g
Display screen	OLED 65K color
Connection to PC	USB 1.1
Memory	512M
Power supply	Li-ion Battery
Recording	SP/LP
Audio formats	MP3, WMA
FM radio	87.5MHz-108MHz
Temperature	-5℃-40℃

PROP.65 WARNING:
Handling the cord on the earphones will expose you to lead, a chemical known to the State of California to cause [cancer, and] birth defects or other reproductive harm.
Wash hands after handling.

This troubleshooting guide aims to save you time in case you experience any inconvenience with this digital audio player. If you are still having difficulty, please contact Consumer Service/ Technical Support.

My player does not work.
1. Ensure that the ON/OFF switch is set to the ON position.
2. Ensure that the battery is charged.

File transfer failure.
1. Ensure that the USB driver has been installed correctly on the PC.
2. Ensure that the USB cable is attached securely to both the PC and your player.
3. Ensure that your player's memory capacity limit has not been reached.
4. Ensure that the battery is charged.

Poor sound quality or no sound.
1. Ensure that the volume level is not set to "0".
2. Ensure that your headphones are attached securely to the headphone jack.
3. Poor sound quality may result from corrupt or poorly encoded music files. Try downloading the music file again or encoding the file at a higher bitrate. The recommended bitrates for this player is 128 kbps for Mp3 files and 64 kbps for WMA files.

Can't find any music files.
1. Ensure that audio files have been transferred to your player.
2. Ensure that the audio file is of a compatible format (Mp3 or WMA).

The screen displays nothing.
1. Pleases call Technical Support for a Hot-key reboot.

Technical Support
Monday to Friday: 8:00 AM - 11:00 PM EST
Saturday and Sunday: 9:00 AM - 11:00 PM EST
Telephone: 800-681-2629 or 718-416-3197
You can also reach us online at www.cobyusa.com or
by e-mail at techsupport@cobyusa.com.